Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Thursday 03 Dec 2020 until 23:59 on Friday 04 Dec 2020

Forecast Issued on Thursday 03 Dec 2020 at 02:30

Confidence: Medium due to complex low that will affect England and Wales over the next few days.

Headline for Thursday 03 Dec 2020: Bright spells and wintry showers, snow mainly above 400m.

Mountain weather hazards on Thursday 03 Dec 2020

Blizzards
No Likelihood

Heavy Snow
Low Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light snow	Light snow	Cloudy	Cloudy	Light snow	Light snow
Precipitation probability					
50%	50%	30%	30%	50%	50%

Forecast for Thursday 03 Dec 2020

Weather: Occasional wintry showers overnight, snow mainly over the higher tops. Bright spells and further wintry showers during daylight hours. Snow mainly above 400m with rain, sleet and hail lower down. Some drier spells possible. Rain and snow will probably become heavy and persistent later in the evening.

Chance of cloud free mountain/hill tops above 600m: 50%, extensive cloud, often near or above the summits but lowering significantly in showers.

Visibility: Good or very good becoming moderate or poor in wintry showers, occasionally very poor at height.

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Mountain Weather Forecast

Forecast for Thursday 03 Dec 2020

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/18 SW	10/13 S	9/13 S	7/11 E	11/16 NE	14/22 NE	17/26 N
300	4/12 SW	5/9 S	7/12 S	5/11 E	8/15 NE	10/20 NE	12/25 N
Valley	3/10 W	4/9 SE	5/10 SE	5/10 E	7/15 NE	11/23 NE	11/24 N

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-0/-6	-1/-6	-1/-5	-0/-4	-1/-6	-1/-7	-1/-8
300	1/-1	1/-2	1/-2	2/-1	1/-2	1/-3	1/-4
Valley	2/1	3/1	3/0	3/1	2/-1	2/-2	2/-2
Freezing Level*	400m	400m	400m	500m	400m	400m	300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A cold day with lying and falling snow expected at height.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Thu 03 Dec 2020	8mm	8mm	15mm

Forecast for Friday 04 Dec 2020

Weather: Mostly cloudy with outbreaks of rain, sleet and snow. Snow falling to quiet low levels overnight, perhaps 200m, but rising to around 600m by midday and turning to rain at all levels by evening. Temporary blizzard conditions possible at first over the high tops.

Maximum wind: North or Northeast 20 to 30mph gusting 40mph with a severe wind chill at first, winds easing during the day.

Chance of cloud free mountain/hill tops above 600m: 40%, Extensive cloud, base 600 to 900m.

Visibility: Moderate or poor in rain and snow, very poor at times as at height. Good or very good in any drier spells.

Temperature: **Valleys:** Zero Celsius rising to 6 Celsius
At 600m: Minus 2 Celsius rising to Plus 2Celsius
Freezing level: Most levels at first, rising above the summits by evening.

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